

DRAFT

P. F. Barnes

Conservation Area

Ten-Year Area Management Plan
FY 2017-2026



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OVERVIEW

- **Official Area Name:** P. F. Barnes Conservation Area, # 6406
- **Year of Initial Acquisition:** 1963
- **Acreage:** 120 acres
- **County:** Texas
- **Division with Administrative Responsibility:** Forestry
- **Division with Maintenance Responsibility:** Forestry
- **Statements of Purpose:**
 - A. Strategic Direction**
Manage to maintain and enhance natural communities, while also maximizing outdoor recreational opportunities.
 - B. Desired Future Condition**
The desired future condition of the P. F. Barnes Conservation Area (CA) is a mix of forest, woodland, old field, and green browse food plots.
 - C. Federal Aid Statement**
N/A

GENERAL INFORMATION AND CONDITIONS

- I. Special Considerations**
 - A. Priority Areas:** Hamilton Creek/Upper West Piney Fisheries Priority Watershed
 - B. Natural Areas:** None
- II. Important Natural Features and Resources**
 - A. Species of Conservation Concern:** None observed.
 - B. Caves:** None known.
 - C. Springs:** None known.
- III. Existing Infrastructure**
 - One parking lot
 - One gate
 - One fishless pond (0.12 acres)
- IV. Area Restrictions or Limitations**
 - A. Deed Restrictions or Ownership Considerations:** None
 - B. Federal Interest:** Federal funds may be used in the management of this land. Fish and wildlife agencies may not allow recreational activities and related facilities that would interfere with the purpose for which the State is managing the land. Other uses may be acceptable and must be assessed in each specific situation.
 - C. Easements:** None

- D. Cultural Resources Findings:** Yes, records kept with Missouri Department of Conservation (Department) Environmental Compliance Specialist. Managers should follow Best management Practices for Cultural Resources found in the Department Resource Policy Manual.
- E. Endangered Species:** None observed.
- F. Boundary Issues:** None

MANAGEMENT CONSIDERATIONS

V. Terrestrial Resource Management Considerations

Challenges and Opportunities:

- 1) Maintain healthy forests and watershed.
- 2) Control invasive species.
- 3) Maintain current green browse food plots.
- 4) Maintain early succession habitat in open area south of current green browse food plot.

Management Objective 1: Maintain healthy forests and watershed.

Strategy 1: Monitor regularly for any insect or disease issues. (Forestry)

Strategy 2: Manage forest and other habitats, as recommended by the 2013 forest inventory. Practices may include, but are not limited to, timber harvests, forest thinning, prescribed burning, bush hogging, and plantings. (Forestry)

Management Objective 2: Control invasive species.

Strategy 1: Survey for high priority invasive species (e.g., spotted knapweed, sericea lespedeza). (Forestry)

Strategy 2: Eradicate and/or control invasive species using appropriate techniques, as possible. (Forestry)

Management Objective 3: Maintain current green browse food plots.

Strategy 1: Maintain food plots for habitat diversity and wildlife viewing opportunities. (Forestry)

Management Objective 4: Maintain early succession habitat in open area south of current green browse food plot.

Strategy 1: Maintain the early successional habitat south of the current green browse plot by bush hogging. Allow rest of the area to convert to native forest vegetation. (Forestry)

VI. Aquatic Resource Management Considerations

Challenges and Opportunities:

- 1) Protect and maintain a healthy and stable watershed.

Management Objective 1: Protect and maintain a healthy and stable watershed.

Strategy 1: Ensure that best management practices are used by the Department or contractors that perform timber harvests or other services. Install best management practices according to the *2014 Missouri Watershed Protection Practices* publication (Missouri Department of Conservation, 2014). (Forestry)

VII. Public Use Management Considerations

Challenges and Opportunities:

- 1) Encourage and increase outdoor recreational use and opportunities.
- 2) Provide a safe area for outdoor recreational use.

Management Objective 1: Encourage and increase outdoor recreational use and opportunities.

Strategy 1: Continue to maintain area that is safe and inviting to an array of outdoor users. (Forestry)

Strategy 2: Enforce statewide hunting and fishing regulations with routine patrols. (Protection)

VIII. Administrative Considerations

Challenges and Opportunities:

- 1) Continue to foster relations with neighboring landowners.
- 2) Maintain area infrastructure at current levels.
- 3) Consider land acquisition, when available.

Management Objective 1: Continue to foster relations with neighboring landowners.

Strategy 1: Continue open dialogue with all neighboring landowners. (All Divisions)

Management Objective 2: Maintain area infrastructure at current levels. (Forestry)

Strategy 1: Maintain area infrastructure in accordance with Department guidelines. (Forestry)

Lands Proposed for Acquisition:

When available, adjacent land may be considered for acquisition from willing sellers. Tracts that improve area access, provide public use opportunities, contain unique natural communities and/or species of conservation concern, or meet other Department priorities, as identified in the annual Department land acquisition priorities, may be considered.

MANAGEMENT TIMETABLE

All strategies for this management plan are considered ongoing.

APPENDICES

Area Background:

The P. F. Barnes Conservation Area was donated July 24, 1963, by Dr. Broda O. Barnes, of Denver, Colorado, as an addition to our upland game program. There is one small fishless pond on the property. This area is a popular destination for hunting.

Current Land and Water Types:

Land/Water Type	Acres	% of Area
Forests and Woodland	116	97
Old Field/Open Land	4	3
Total	120	100

References:

Missouri Department of Conservation. (2014). *Missouri watershed protection practice recommended practices for Missouri forests: 2014 management guidelines for maintaining forested watersheds to protect streams*. Jefferson City, MO: Conservation Commission of the State of Missouri.

Maps:

Figure 1: Area Map

Figure 2: Topographic Map

Figure 3: Aerial Map

Figure 4: Land Cover Type Map

Figure 1: Area Map

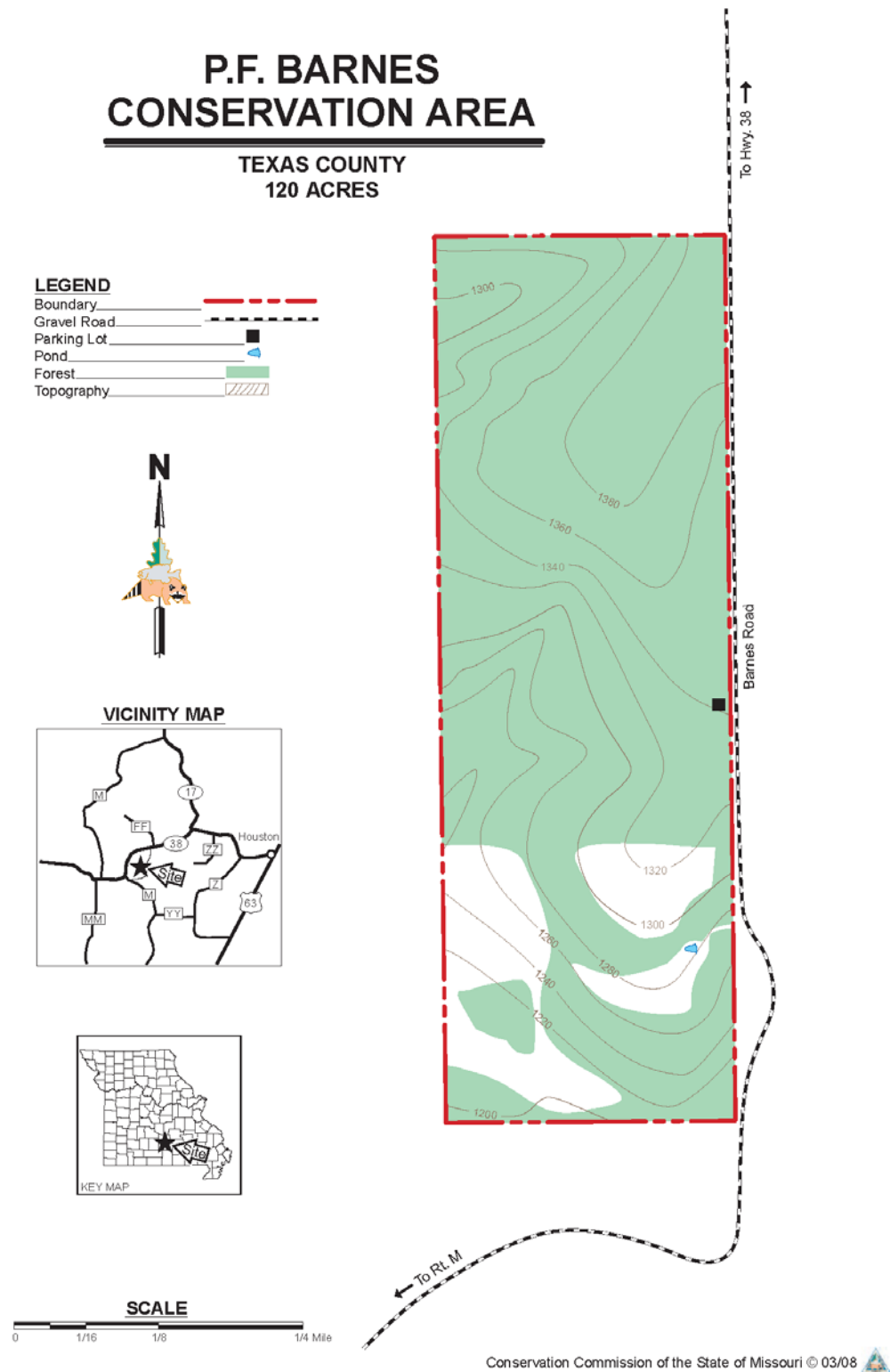


Figure 2: Topographic Map

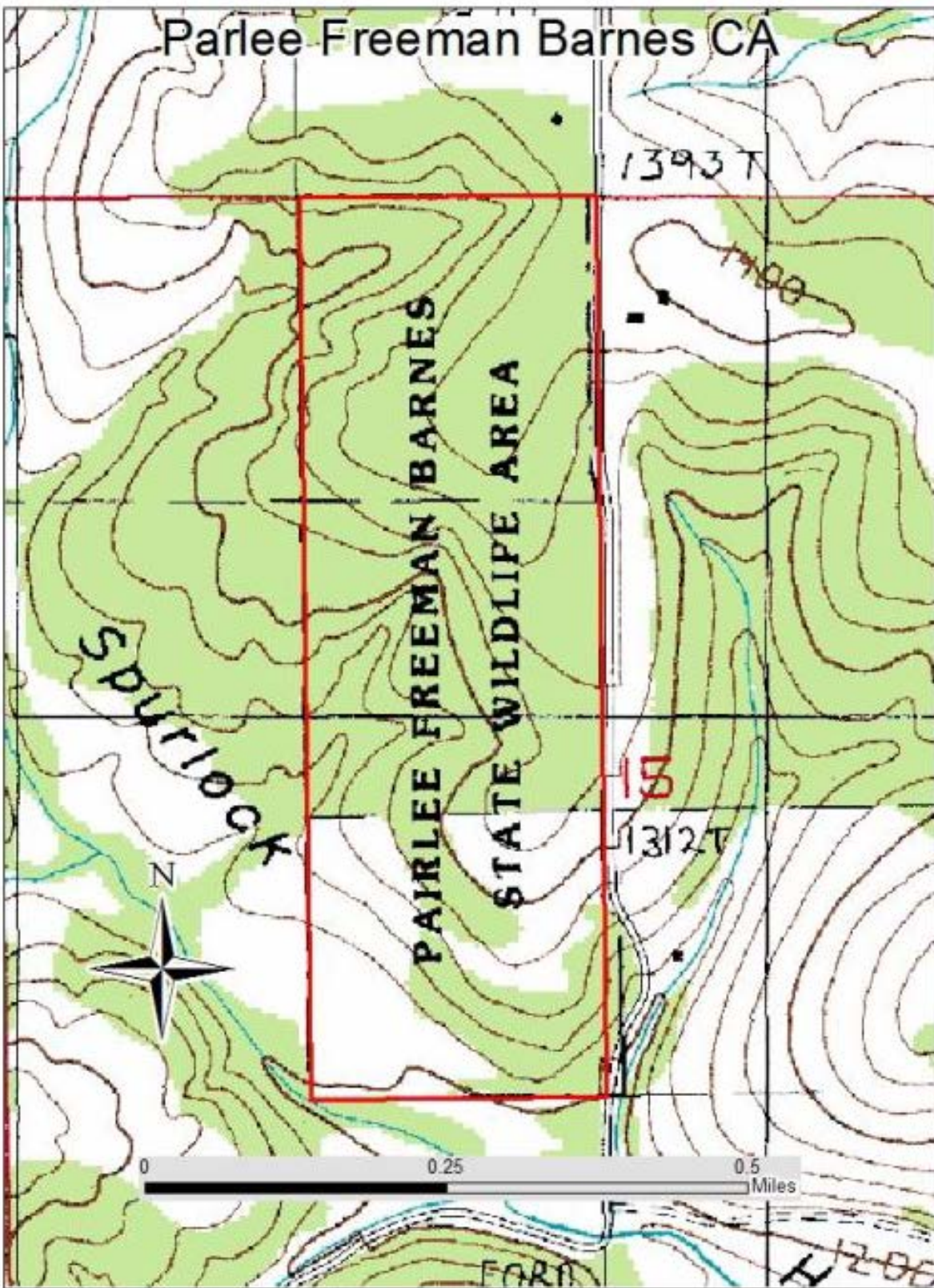
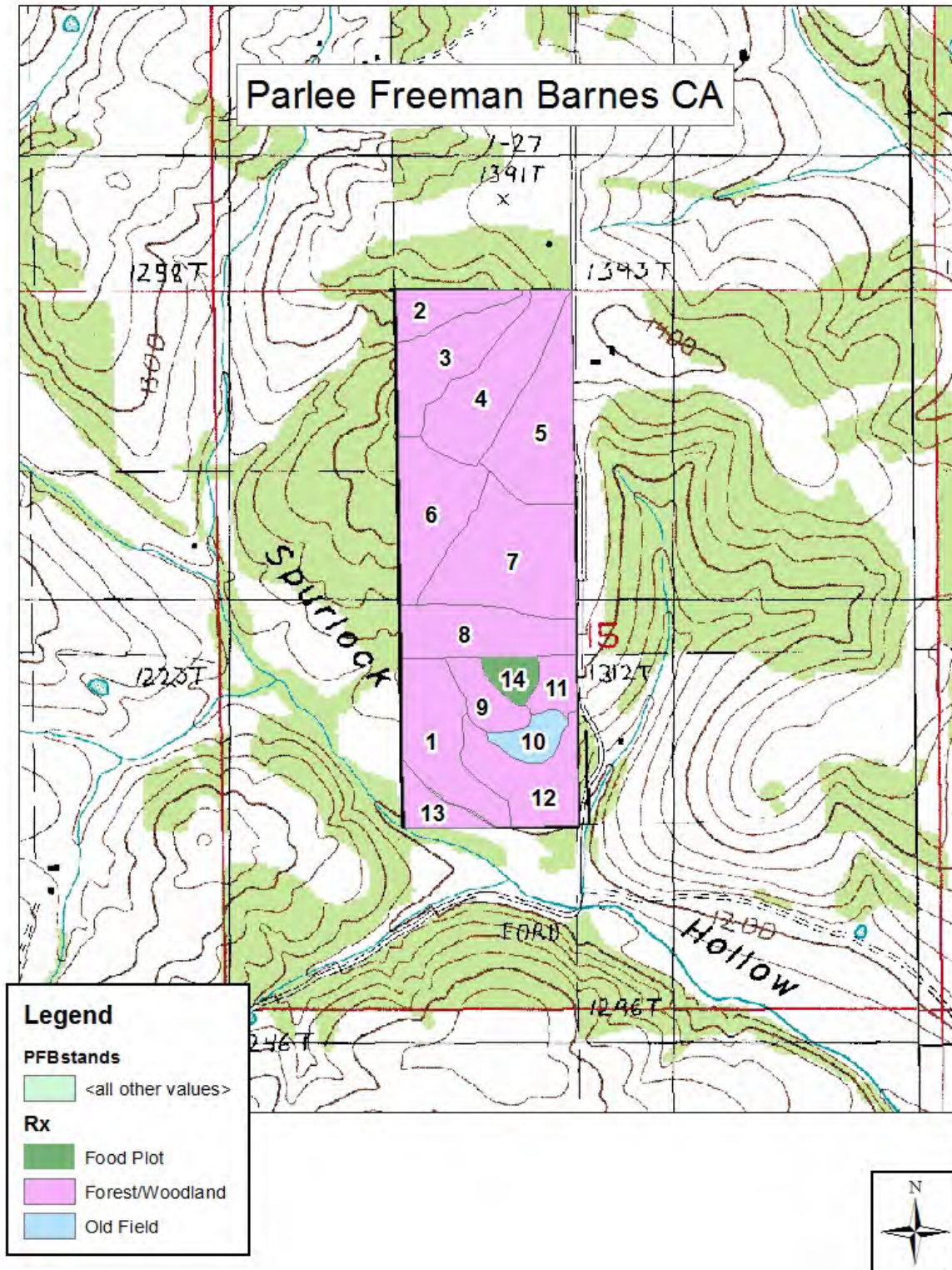


Figure 3: Aerial Map



Figure 4: Land Cover Type Map



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